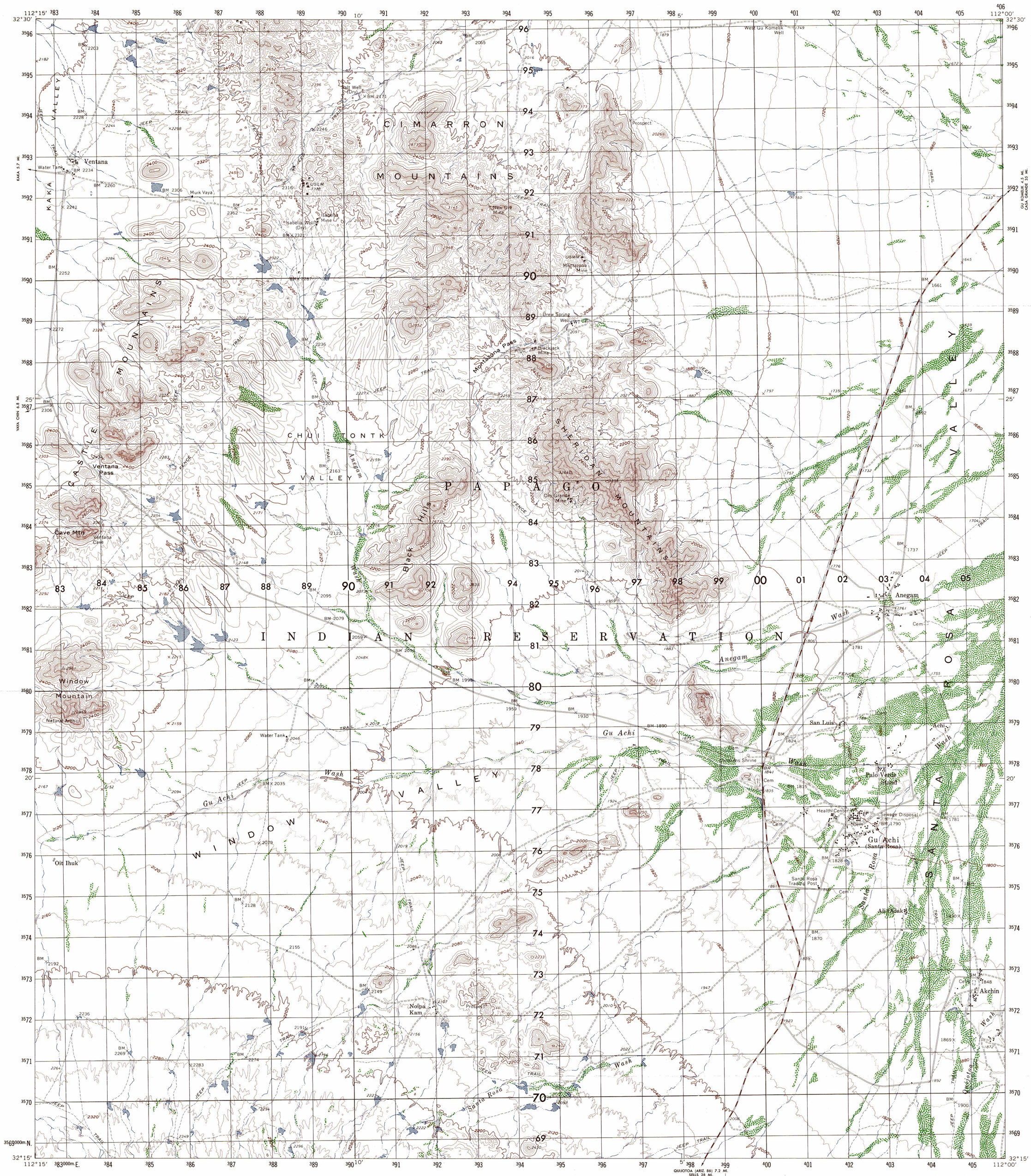

Reprinted by NGA 03-06

LEGEND

MAP INFORMATION AS OF 1963

ROAD DATA 1963

In developed areas, only through roads are classified

- Hard surface, heavy duty road, four or more lanes wide — 4 LANES 16 LANES
- Hard surface, heavy duty road; two lanes wide; three lanes wide — 3 LANES
- Hard surface, medium duty road, four or more lanes wide — 4 LANES 16 LANES
- Hard surface, medium duty road; two lanes wide; three lanes wide — 3 LANES
- Buildings
- Barns, sheds, greenhouses, stadiums, etc.
- RAILROADS: Single track / Multiple track
  - Standard gauge
  - Narrow gauge
  - In street
  - Carline
- BOUNDARIES
  - National
  - State (with monument)
  - County
  - County subdivision
  - Corporate limits
  - Military reservation
  - Other reservation
- Improved light duty road, street
- Unimproved dirt road
- Trail
- Route markers: Interstate; Federal; State — 66 87 51
- Mines: Open pit; Horizontal shaft; Vertical shaft; Prospect
- Bench mark, monumented — BM × 792
- Bench mark, non-monumented — × 431
- Spot elevations in feet: Checked. Unchecked — × 150 × 150
- Light, lighthouse; Windmill, wind pump
- Woods or brushwood
- Orchard; Scrub
- Intermittent lake
- Intermittent stream; Dam
- Marsh or swamp
- Rapids; Falls
- Large rapids; Large falls — Falls, Rapids, Rapids

Scale 1:50,000

1 ½ 0 1 2 3 Statute Miles

1000 500 0 1000 2000 3000 4000 Meters

1000 500 0 1000 2000 3000 4000 Yards

1 ½ 0 1 2 Nautical Miles 3

CONTOUR INTERVAL 40 FEET
WITH SUPPLEMENTARY CONTOURS AT 20 FOOT INTERVALS

SPHEROID: CLARKE 1866
GRID: 1,000 METER UTM, ZONE 12
PROJECTION: TRANSVERSE MERCATOR
VERTICAL DATUM: SEA LEVEL DATUM 1929
HORIZONTAL DATUM: 1927 NORTH AMERICAN DATUM

CREDITS
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CONTROL BY: USGS AND USC&GS

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR RESTON, VIRGINIA 22092

GRID ZONE DESIGNATION: 12S
100,000 M. SQUARE IDENTIFICATION: UL VL
400
IGNORE the SMALLER figures of any grid number; these are for finding the full coordinates. Use ONLY the LARGER figures of the grid number; example: 3569000

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 METERS
SAMPLE POINT: CHILDRENS SHRINE
1. Read letters identifying 100,000 meter square in which the point lies: UL
2. Locate first VERTICAL grid line to LEFT of point and read LARGE figures labeling the line either in the top or bottom margin, or on the line itself: 99
   Estimate tenths from grid line to point: 7
3. Locate first HORIZONTAL grid line BELOW point and read LARGE figures labeling the line either in the left or right margin, or on the line itself: 78
   Estimate tenths from grid line to point: 3
SAMPLE REFERENCE: UL997783
If reporting beyond 9°N-S or 18°E-W, prefix Grid Zone Designation, as: 12SUL997783

GRID CONVERGENCE 0°36′ (11 MILS) FOR CENTER OF SHEET

GN — TRUE NORTH — GRID NORTH — MAGNETIC NORTH

1965 G-M ANGLE 14½° (260 MILS)

TO CONVERT A MAGNETIC AZIMUTH TO A GRID AZIMUTH ADD G-M ANGLE

TO CONVERT A MAGNETIC AZIMUTH TO A GRID AZIMUTH SUBTRACT G-M ANGLE

BOUNDARIES

PIMA COUNTY

ELEVATION GUIDE

Highest
High
Medium
Low

ADJOINING SHEETS

3549 III	3549 II	3649 III
3548 IV	3548 I	3648 IV
3548 III	3548 II	3648 III

Sheet 3548 I falls within NI 12-10, V502 1:250,000.

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NGA OPERATIONAL HELP DESK: 1-800-455-0899; COMMERCIAL 314-263-4864; DSN 693-4864 OR WRITE TO: DIRECTOR, NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY, ATTN.: ES, MAIL STOP I-88, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003.

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